

**SYSTEMS AND METHODS FOR A PORTABLE WALK-THROUGH
METAL DETECTOR**

ABSTRACT OF THE DISCLOSURE

A portable walk through metal detector with interchangeable sensor panels and other structural members that can be quickly assembled, or disassembled and transported. The device includes two structural base members to anchor the archway, multiple sensor panels with which the sides of the archway are constructed, and a top cross-member to join and support the walls of the archway. In addition, the top cross-member provides a vehicle platform for moving a disassembled unit with built-in wheels, a handle, and stacking structures to support the other members.

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